

COMPACT 5000 i3



- High-performance ISDN video codec
- Standard telecom interface (1x to 3x ISDN)
- Bidirectional audio and data
- Full CIF resolution (288 x 352)
- Up to 384 kb/s
- Configuration and control software included
- Picture in picture facilities

Description

The COMPACT 5000 i3 digital ISDN video codec is a powerful tool for video surveillance or video conferencing via standard telecom networks. It offers high resolution, full-motion video pictures via three standard ISDN connections. The COMPACT 5000 system allows fast implementation and a very cost-effective realisation of a video surveillance network. The system is ideal for remote

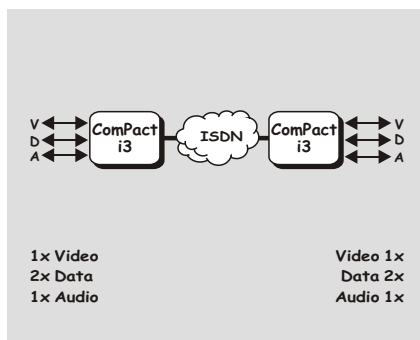
camera applications, such as in highways, city-centre or railway surveillance networks, or for temporary CCTV systems for public events. The video compression algorithm is based on H.261, offering full CIF resolution with a maximum frame rate of 15 f/s. The use of international standardised line interfaces and communication based on the H.320

video conferencing standard ensures plug and play installation. The COMPACT 5000 i3 offers bidirectional video, audio and two data channels. Configuration and control are carried out with Windows based control software, included with the system. The COMPACT 5000 is housed in a 1.5 U high 19-inch cabinet and is mains powered.

Ordering information

System modules	Description
COMPACT 5000 i3	ISDN video codec, 3x ISDN interface

Applications



Technical Specifications

COMPACT 5000 i3

Video

Video format	PAL/NTSC
Number of inputs	6
Number of outputs	1
Compression algorithm	ITU-T Rec. H.261
Video resolution	288 lines x 352 pixels (full CIF)
Video data rate	384 kb/s max.
In-/output impedance	75
Connector type In-/output	Cinch, 75

Data

Number of channels	2 (full duplex)	
Electrical interface	High-Speed Data X.21, RS-485, V.11	Low-Speed Data RS-232, V.24
Data format	asynchronous, serial	asynchronous, serial, (1 start, 7/8 data, 0/1 parity, 1 stop)
Data rate	64 kb/s	300 b/s to 38.4 kb/s (selectable)
Connector type	25-p sub-D	8-p mini-DIN

Audio

Number of channels	1 (full duplex)		
Coding algorithm	G.711	G.722	G.728
Bandwidth	300 to 3400 Hz	50 to 7000 Hz	100 to 3500 Hz
Input level	0 dBV / +6 dBV max (analogue input) or -63 dBV (microphone input)		
Output level	0 dBV		
Input impedance	600 or > 50 k balanced		
Output impedance	< 50 balanced		
Type of connector	RCA Phone (input), Cinch (output)		

Control & command

Number of control I/Os	4
Electrical interface	RS-232 (mouse), RS-232 (command), TTL (command), RS-232 (PTZ)
Connector type	9-p sub-D, 9-p sub-D, 25-p sub D, 8-p mini-DIN

Transmission line

Interface	3x So
Terminal spec.	H.320
Framing	IEC CD 13871, H.221/H.242
Connector type	3x RJ45

Environmental & mechanical

Operating temperature	5 to 40°C
Rel. humidity (no cond.)	5 to 95%
Housing	Stand-alone 19" cabinet
Dimensions (hxwxd)	66 (1.5U) x449x450 mm
Weight (approx.)	5.5 kg

Electrical

Power supply voltage	100 to 240 V _{AC}
Frequency	50/60 Hz
Power consumption	100 W (170 W max.)